

PROJECT SUMMARY

I. INTRODUCTION

An application has been submitted by Wauconda Tool & Engineering Company, Inc. for a renewal of a Federally Enforceable State Operating Permit (FESOP). Wauconda Tool & Engineering Company, Inc. has voluntarily requested federally enforceable limitations that will require it to operate as a non-major source of air pollution as defined in Title V of the federal Clean Air Act.

II. SOURCE DESCRIPTION

Wauconda Tool & Engineering Company, Inc. has metal-working operations located at 821 West Algonquin Road, Algonquin. The equipment at the facility that requires air pollution control permits includes two open-top vapor degreasers and one water evaporator.

III. EMISSIONS

The two vapor degreasers use trichloroethylene as a solvent, which is classified as a Hazardous Air Pollutant (HAP). The facility has limited their usage of trichloroethylene such that it will keep the emissions below the major-source-threshold levels of 10 tons per year for individual HAP. All other emissions are well below the 100 tons per year major source threshold levels.

IV. APPLICABLE EMISSION STANDARDS

The vapor degreasers are subject to a National Emissions Standard for Hazardous Air Pollutants (NESHAP). This source has demonstrated compliance with Federal standards for HAP emissions. The degreasers meet the equipment and operating standards. This site complies with all applicable Federal and State air regulations.

V. PROPOSED PERMIT

The conditions of the proposed permit contain limitations and requirements to assure that this permit will be operated as a non-major source. The permit sets limitations on the minimum control efficiency and the amount of solvent used at this facility. These limitations are consistent with the historical operation and capacity of the plant.

The permit conditions also establish appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the source is operating within the limitations set by the permit and is properly controlling emissions.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a permit with federally enforceable limits for this operation.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.

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